TMP-3T PLAYER

User's Manual

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1.Introduction

1.1Preface

Dear Customer,

Thank you very much for purchasing our product. In the digital era, this product is a great home entertainment partner. With the outstanding design, you can enjoy movies and music, view photos of precious moments, and record your favorite TV or movie programs and view them in your own time. The editing function provides you with an easy way to save these. It's easy to use this product as a portable external storage device with its built-in HDD and high-speed USB 2.0.

This player has the following functionality:

Video Recording - supports one button recording and scheduled recording, can easily record programs from DVB-T , and save as MPEG-2 (.mpg, or .ts) format; also can edit the recorded titles;

Time Shift pause and enjoy chasing playback of live TV programs;

Movie Playback - supports VOB (DVD), IFO (DVD), MPG (MPEG-2/1), AVI (MPEG-4 ASP: XviD), DAT (VCD),MKV（H.264） and MPEG-2 TS files; resolution up to 1080P;

Music Playback - supports MP3, OGG, and WMA files;

Photo Playback - supports digital camera JPEG, and BMP files;

Data Storage - works as a portable hard disk using USB 2.0 port;

USB HOST - supports USB 2.0 host ports.

HDMI - High-Definition Multimedia Interface transmits the highest quality digital video and audio via a single cable, simplifies cabling and provides high quality home theater experience.

DVB-T TV   -   supports Digital Video Broadcasting Terrestrial (DVB-T) TV reception;

            -    supports Electronic Program Guide (EPG) and Teletext.

We hope that this product will bring you a lot of enjoyment. We are committed to apply multimedia technology in your work, entertainment, family, daily life, car and everywhere! Welcome to be with us. Thank you again for choosing our product.

1.2 Packing List

Part	Quantity
Player	1
AV cable	1
HDMI cable	1(optional)
USB cable	1
Remote control	1
AC/DC adaptor	1
AC/DC adaptor power cord	1
DVB-T Antenna	1
Manual (Driver CD)	1

Note:

The actual contents in the package might be different from the packing list in this manual.

1.3 Caution

This player's design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

1.3.1 Usage cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5℃ ～ +35℃.

1.3.2 Power

The player's power voltage: DC 12V.

When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be

subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector

1.3.3 Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

1.3.4 Others

When using this player, please do not let the player come into contact with water or other liquid,

if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage. Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

Do not let the player come into contact with water or other liquid.

Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.
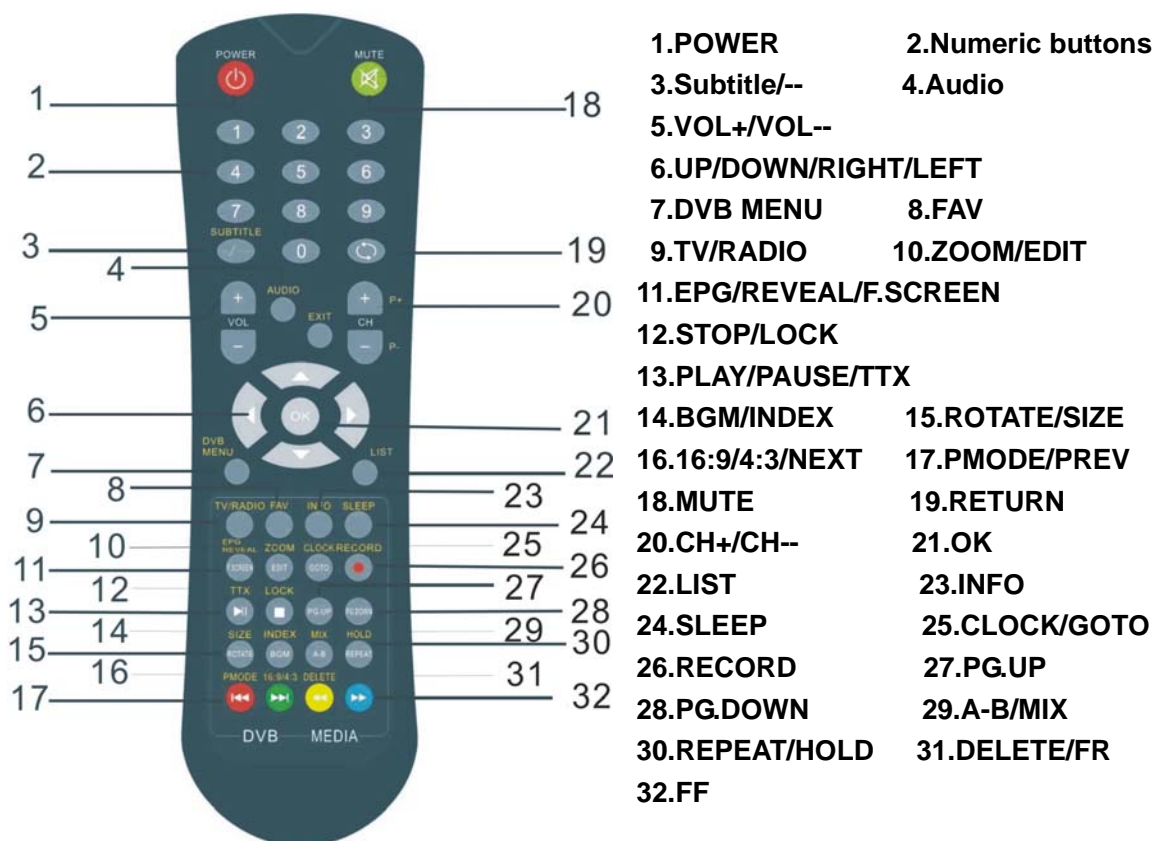Do not press the buttons of the player too hard.

Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.
During electrostatic discharge and the strong electromagnetic field, the product will malfunction,   then unplug the power cable and the product   will return to normal

2. About the Player

2.1 Remote Control

All procedures in this manual can be carried out using the remote control buttons. See the following for details on each button and its function:

1.POWER 2.Numeric buttons
3.Subtitle/-- 4.Audio
5.VOL+/VOL--
6.UP/DOWN/RIGHT/LEFT
7.DVB MENU 8.FAV
9.TV/RADIO 10.ZOOM/EDIT
11.EPG/REVEAL/F.SCREEN
12.STOP/LOCK
13.PLAY/PAUSE/TTX
14.BGM/INDEX 15.ROTATE/SIZE
16.16:9/4:3/NEXT 17.PMODE/PREV
18.MUTE 19.RETURN
20.CH+/CH-- 21.OK
22.LIST 23.INFO
24.SLEEP 25.CLOCK/GOTO
26.RECORD 27.PG.UP
28.PG.DOWN 29.A-B/MIX
30.REPEAT/HOLD 31.DELETE/FR
32.FF

NO.	Name	Function
1	POWER	**POWER** button: Press to enter standby mode or wake up.
2	Numeric buttons	**Numeric** buttons: Press to enter channel numbers or numeric input when changing settings.
3	Subtitle/--	**Subtitle/--** button: Press to set subtitle/-- options.
4	Audio	**AUDIO** button: Press to select an audio track.
5	VOL+/VOL--	**VOL+/VOL -** button: Press to increase/ decrease the volume.
6	UP/DOWN/RIGHT/LEFT	**UP/DOWN/RIGHT/LEFT** button: Press to move the highlight UP/DOWN/RIGHT/LEFT while navigating menus.
7	DVB MENU	**MENU** button: Press to activate tools menus.
8	FAV	**FAV** button: Press to select favor program。

9	TV/RADIO	**TV/RADIO** button: Press to select DTV or radio.
10	ZOOM/EDIT	**ZOOM/EDIT** button: Press to zoom in/out the image (photo or video). Press to edit schedule.
11	EPG/REVEAL/F.SCREEN	**EPG/REVEAL/F.SCREEN** Press to enter the Electronic Program Guide which displays an on-screen list of programs for the coming week when watching Digital Terrestrial TV. Press to reveal in the TELETEXT. Press to full screen when playing video.
12	STOP/LOCK	**STOP/LOCK** Press to stop playback. Press to setting password in the DTV system.
13	PLAY/PAUSE/TTX	**PLAY/PAUSE/TTX** button: Press to PLAY/PAUSE playback. Press to open Teletext OSD if it is available in the broadcasted stream of Digital Terrestrial TV.
14	BGM/INDEX	**BGM/INDEX** button: Press to open background music when playing photo. Press to index in the TELETEXT.
15	ROTATE/SIZE	**ROTATE/SIZE** button: Press to rotate photo. Press to change word size in the TELETEXT.
16	16:9/4:3/NEXT	**16:9/4:3/NEXT** button: Press to select 16:9 or 4:3 display. Press to view the next file / TV channel.
17	PMODE/PREV	**PMODE/PREV** button: Press to switch between480P,720P,1080I,1080P. Press to view the previous file / TV channel.
18	MUTE	**MUTE** button: Press to mute audio output, and press again to resume.
19	RETURN	**RETURN** button: Press to return to the previous screen while navigating menus.
20	CH+/CH--	**CH+/CH--** button: Press to select next/perv channel.
21	OK	**OK** button: Press to select options in menus.
22	LIST	**LIST** button: Press to display DTV playlist.
23	INFO	**INFO** button: Press to display current status and information.

24	SLEEP	**SLEEP** button: Press to standby after 30 60 90 120min。
25	CLOCK/GOTO	**CLOCK/GOTO** button: Press to display the clock in the TELETEXT. Press to go to the select time you choose and play in video playing mode. Press to go to the recorded files menu in DVB-T receiving mode.
26	RECORD	**RECORD** button: Press to begin recording or to resume when recording has been paused. Press repeatedly to set one touch recording (OTR) length.
27	PG.UP	**PG.UP** button: Press to go to the last page.
28	PG.DOWN	**PG.DOWN** button: Press to go to the next page.
29	A-B/MIX	**A-B/MIX** button: Press A-B to set the beginning and end points of a section to repeat in the media. Press to playing background in the TELETEXT.
30	REPEAT/HOLD	**REPEAT/HOLD** button: Press REPEAT 1 / ALL to set repeat option - Chapter, Title or Off. Press to hold in the TELETEXT.
31	DELETE/FR	**DELETE/FR** button: Press to delete schedule. Press to fast rewind the current playback. Press repeatedly to select speeds.
32	FF	**FF** button: Press to fast forward the current playback. Press repeatedly to select speeds.

2.2 Front Panel
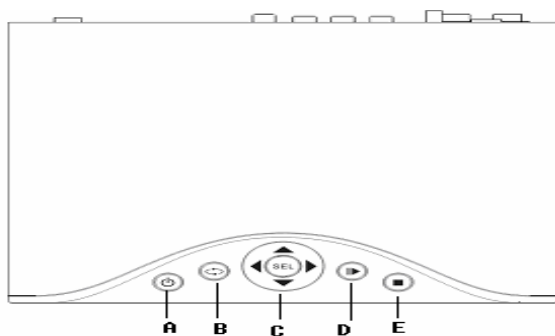
A	POWER
B	RETURN/CHANNEL_RETURN
C	LEFT
	RIGHT
	SELECT/DVB_MENU
	UP/CHANNEL_PLUS
	DOWN/CHANNEL_MINUS
D	PLAY/PAUSE
E	STOP

2.3 Rear Panel
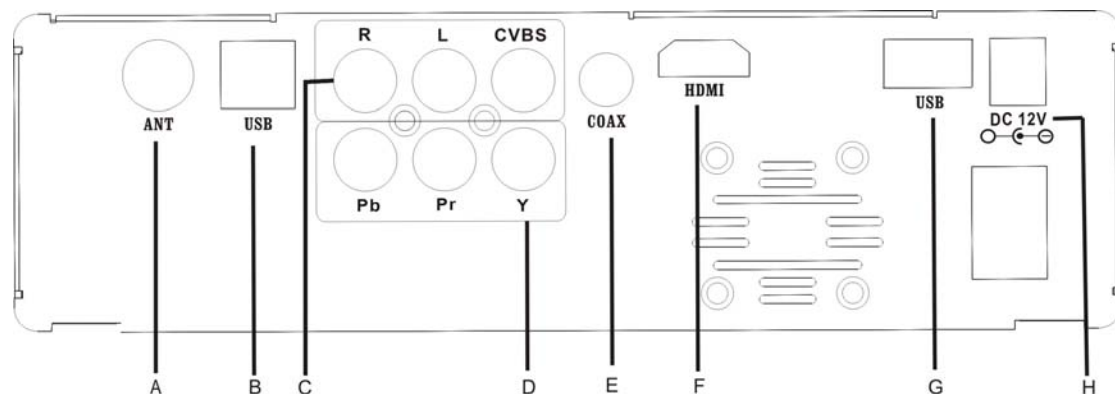
A	TV/RF IN socket
B	USB DEVICE port
C	A/V OUT jack
D	Y/Pb/Pr OUT jack
E	S/PDIF COAXIAL jack
F	HDMI jack
G	USB HOST port
H	DC IN jack

3. Assembling and Connection

3.1 Assembling steps

1. Open the side cover   2 Put the plastic hole to the correct place (hole to hole)

3.Lay the HDD to the correct place (hole to hole)

4. Whorl back the side cover

3.2 Coaxial Output

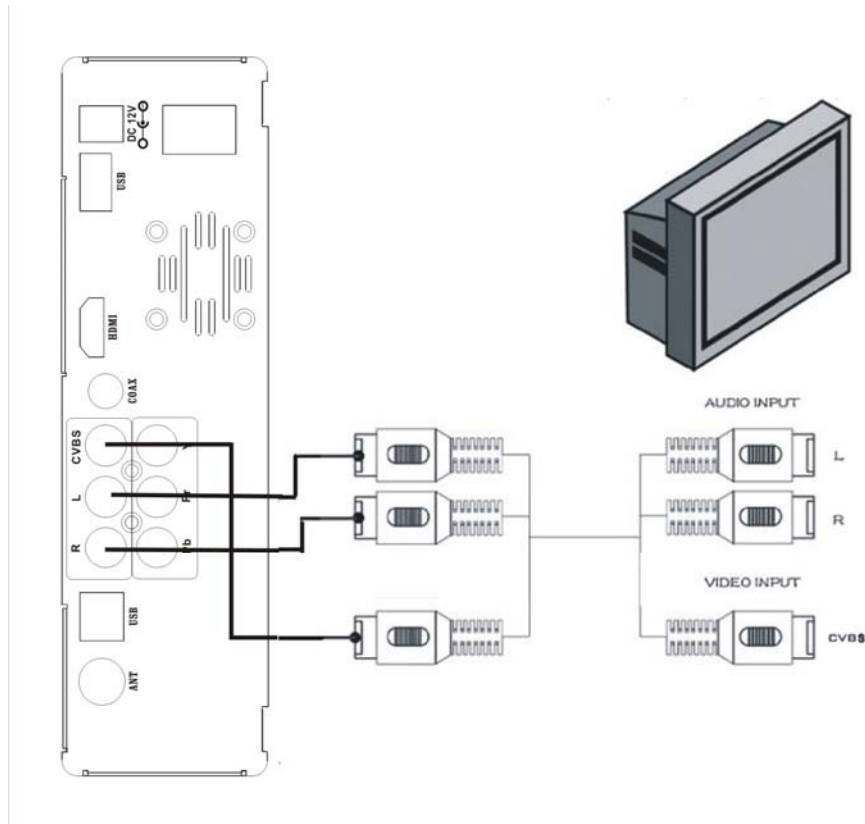Follow the picture and Use Coaxial cable   to connect TV
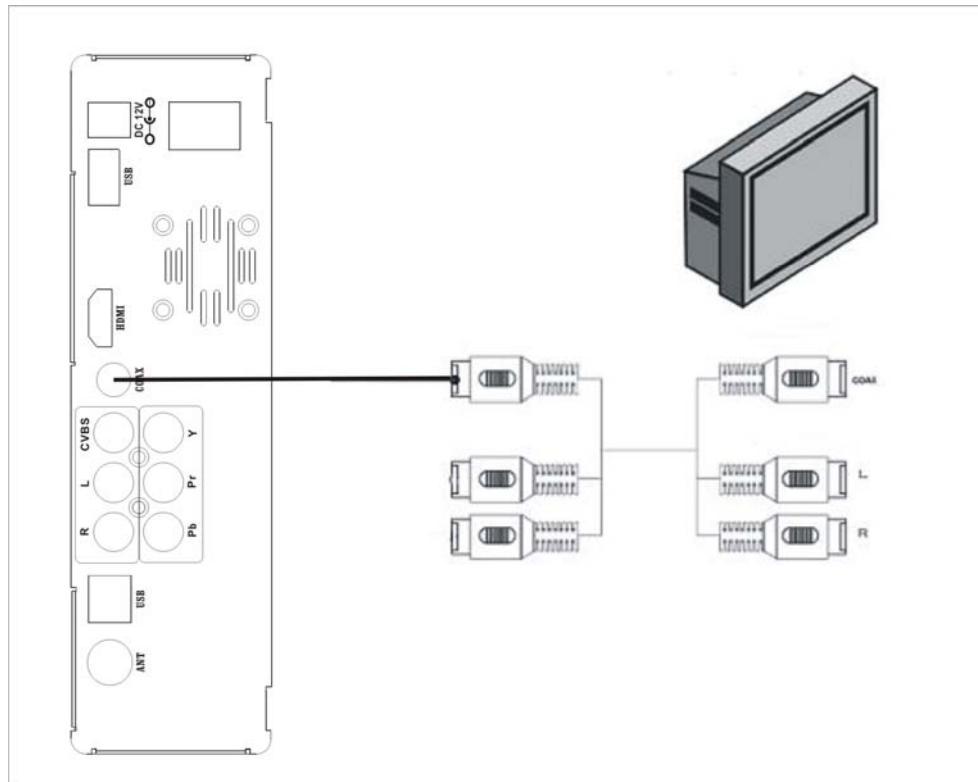
3.3 YUV Output
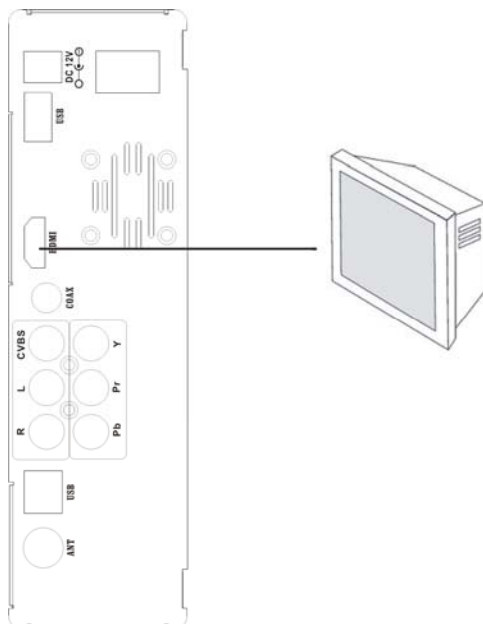
Follow the picture and Use　YUV　cable　to connect TV
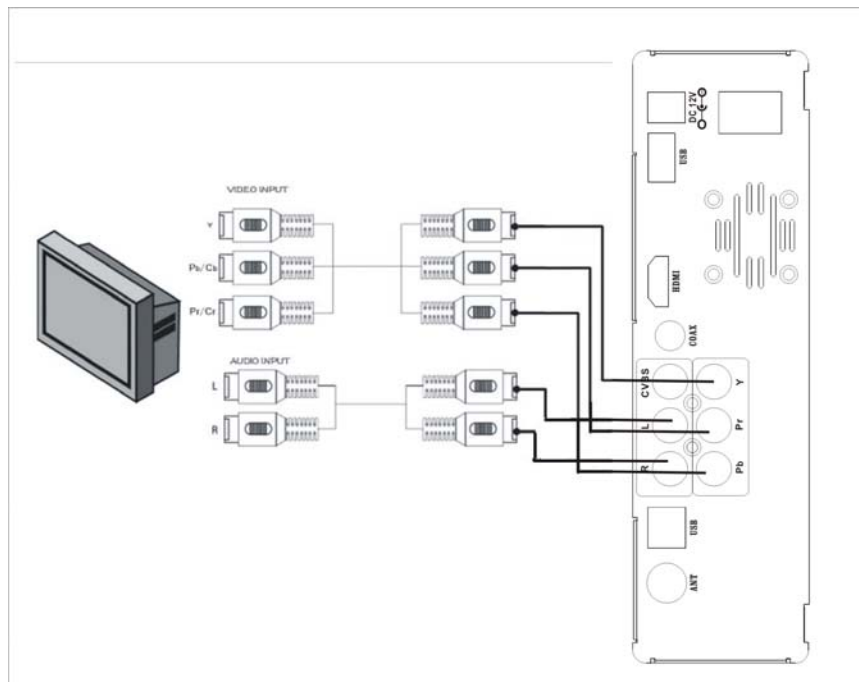
3.4 AV Output

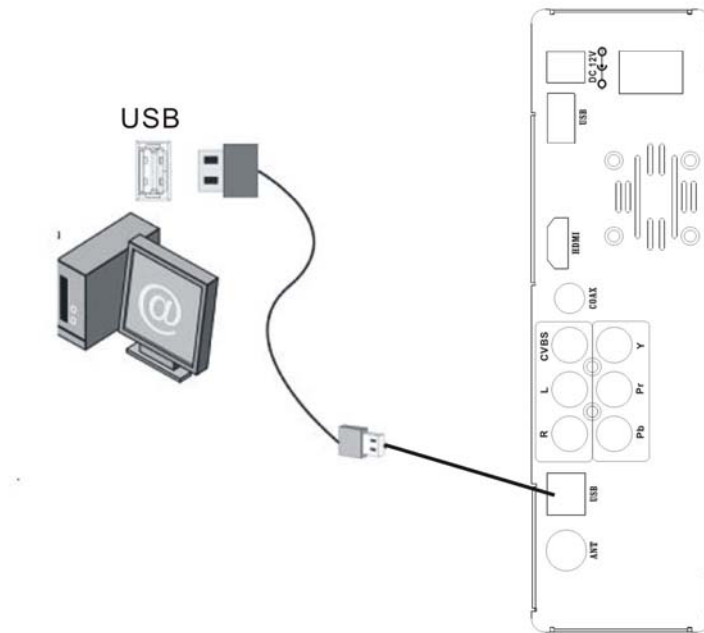Follow the picture and Use   AV   cable   to connect TV

3.5 HDMI Output

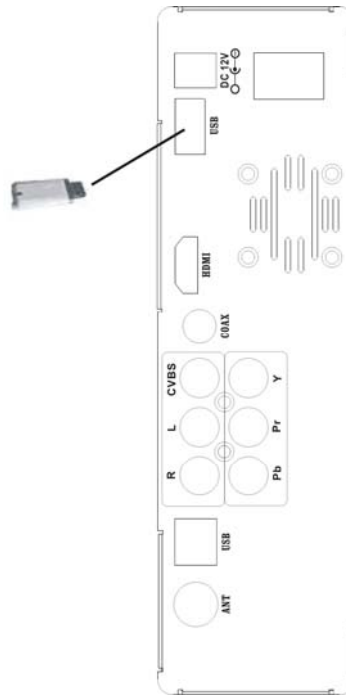Follow the picture and Use   HDMI   cable   to connect TV

3.6 Connect to Computer

Connect the unit to PC by USB cable when it power on, you can copy, stick, and delete files. Please refer to the picture.
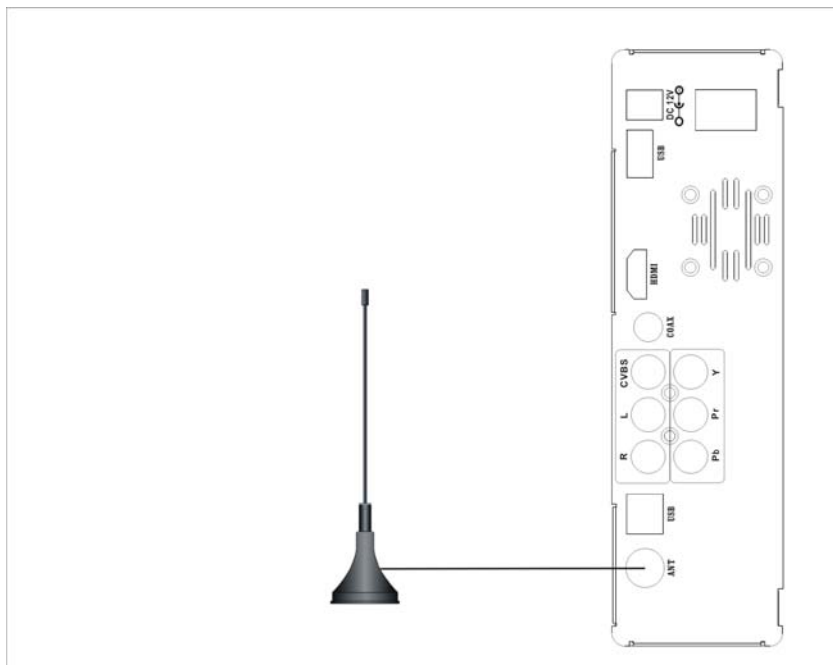

3.7 USB device (like USB disk 、 USB HDD etc.) Connection

Connect the unit to USB device; you can play the files in it. Please refer to the picture.

3.8 DVB-T Connection

Follow the picture and use DVB-T antenna to connect player

4. Watching DVB-T programs
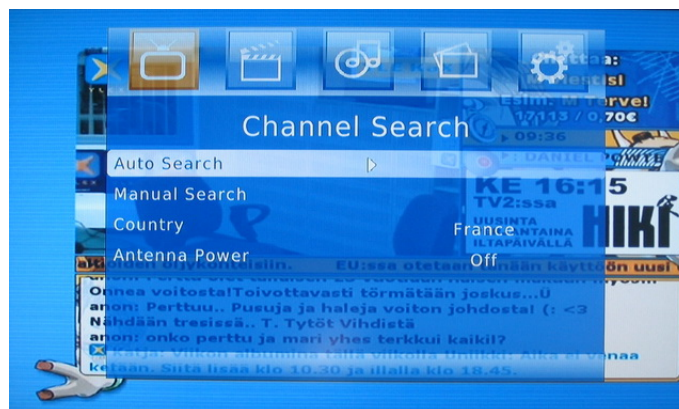
4.1 How to search TV channel

Press the **Menu** button on the remote control.
Press the **LEFT / RIGHT** button on the remote control to select the **DTV** tab from the menu bar.
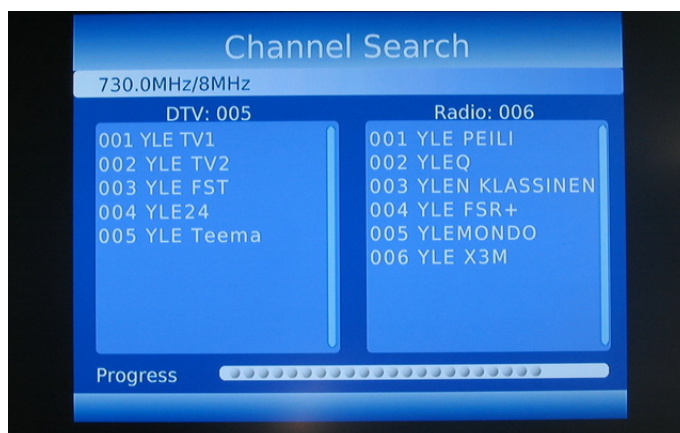

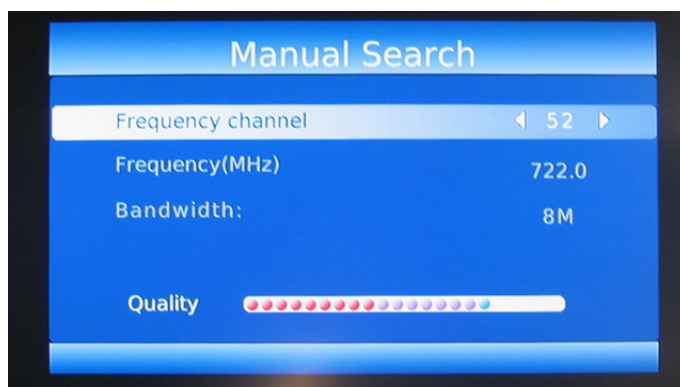| **Channel Search**	Select to set the region for Channel Search。
	In **Channel Search** mode, you can select Auto Search，Manual Search， Country，Antenna Power。 Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.
	Country: Firstly choose your country

	Auto Search In **Auto Search** mode, the system will automatically scan for available DVB-T TV channels.
	Manual Search In **Manual Search** mode, you can select the CH name, Bandwidth, Input Frequency and Quality. Use the **Right** and **Left** buttons on the remote control to select or input. Press the **ENTER** button to confirm.
Program	Select to set the region for Program. Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.

| Time	Select to set the region for Time
	In this menu, Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.
PVR Configure	Select to set the region for PVR Configure.
	In this menu, Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.

4.2 Program List Menu

Press the **List** button when watching DVB-T TV programs, and the program list menu where you can see the program number and name will be displayed.

Press the **ENTER** button to confirm. Press the **PG.UP** / **PG.DOWN** button to page up /down. Press the **UP / DOWN** button to select channels.

4.3 Info Bar

While switching channels by the **Info** button, an info bar will be displayed to show the channel information.
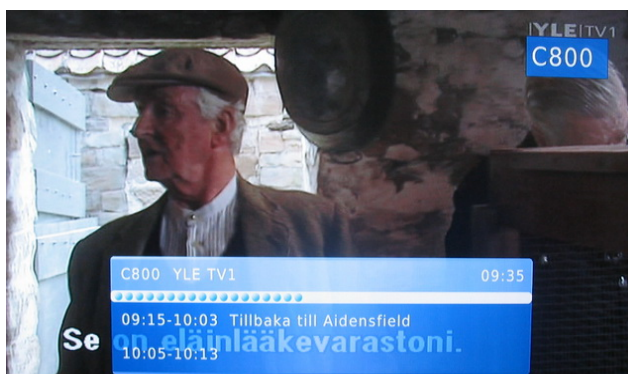
There're 4 strings displayed on the bar. Taking the info bar in the above photo for example

C800 YLE TV1 ----- Stands for TV channels.
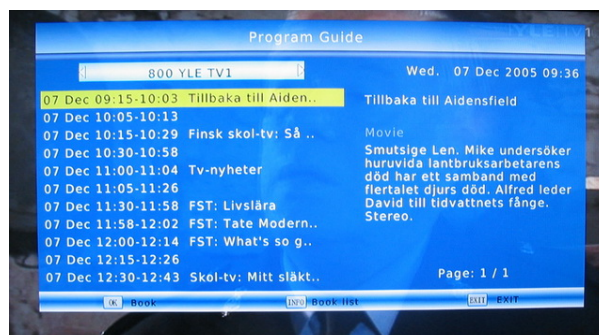
[signal quality bar] ------ Stands for signal quality

09:15-10:03   ------- Stands for now playing

10:05-10:13   -------- Stands for next playing

4.4 EPG

Press the **EPG** button when watching DVB-T TV programs, the Electronic Programming Guide will be displayed.

Press the **Right** / **Left** button to change channels.

4.5 Teletext Menu

If the broadcasted stream supports Teletext, press the **TTX** button to enter the Teletext menu.

Press the **INDEX** and **MIX** buttons to view the content in the Teletext menu

4.6 Subtitle List Menu

Press the **SUBTITLE** button when watching DVB-T TV programs, the Subtitle List menu will be displayed. Press the **LEFT / RIGHT** button to switch between Subtitle and TELETEXT Subtitle List
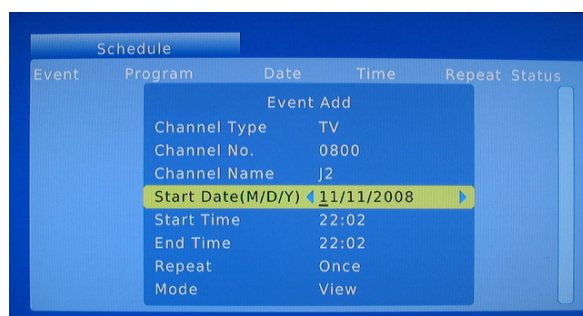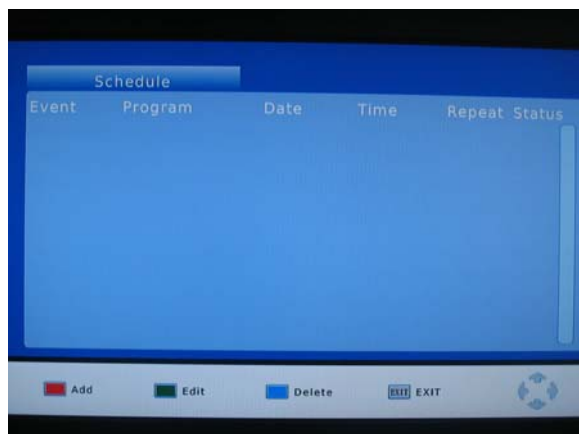
Press the **UP / DOWN** button to select the subtitle, press the **ENTER** button to confirm.

5. Timer Record Menu

The **Timer Record** menu allows you to create, edit and delete recording schedules and view all schedule status and history. Press the **OK** button on the remote control to enter the menu when you playing EPG function。

5.1 Create a New Schedule

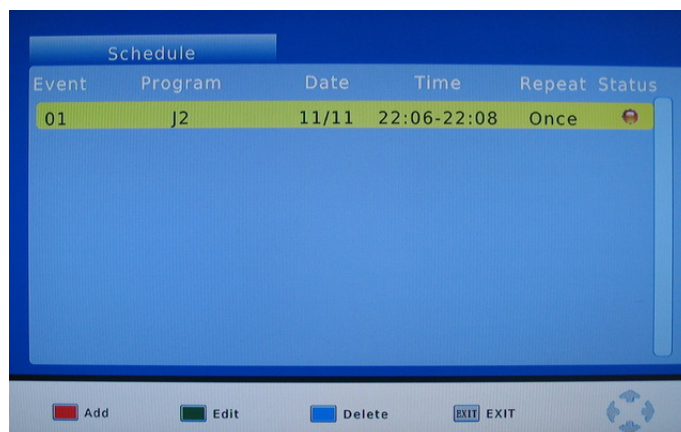Press the **RED** button on the remote control to select the **Add** tab from the menu bar.

Use the **UP /DOWN** button on the remote control to move between fields and press the **LEFT /**

RIGHT button to adjust each setting.

Channel Type	Select the video source
Channel No.	Display the channel number
Channel Name	Display the channel name
Start Date	Enter the date of the recording.
Start Time	Enter the time of the begin recording.
End Time	Enter the time of the end recording.
Repeat	Select how often you want the schedule to record. Choose fromOnce, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Mode	Select the recording mode.

5.2 Editing Schedule

Press the **GREEN** button on the remote control to select the **EDIT** tab from the menu bar.

Select the schedule you want to edit from the list and press the **ENTER** button. The schedule setting screen appears. Modify the schedule as described in '**5.1 Creating a New Schedule**'.
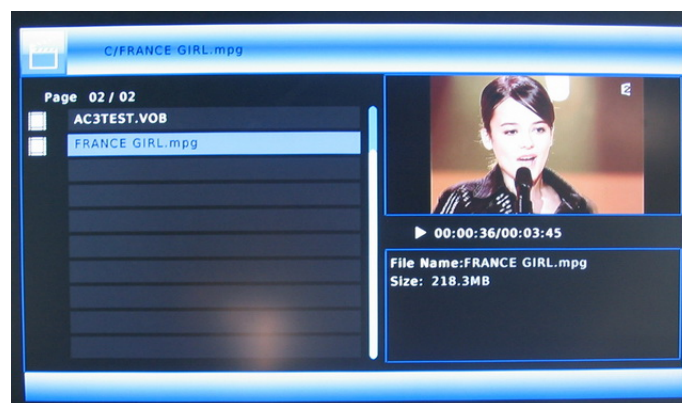
5.3 Deleting Schedules

Press the **UP / DOWN** button on the remote control to select the **Delete** tab from the menubar.Select the schedule you want to delete and press the **ENTER** button. A confirmation message appears.

6. Multimedia Menu

6.1 Movies Menu

Enter the folder press **UP**and **DOWN** ,to select the file you want to view and press **OK** to play.

1. Introduce

	►‖	Playback
Video	■	Stop
Music	16：9/4：3	16：9/4：3
Movies	Info	To show some information on the video
	A-B	Press to set the beginning and end points of a section to repeat.
	Subtitle	Switch between different captions
	Repeat	Press to set repeat option.
	◄◄	FAST REWIND
	►►	FAST ORWARD
	VOL+	VOL+1
	VOL-	VOL-1
	Goto	Go to the time you choose and play

2. Information

Display file name, type, resolution, frame rate, total time, current time, audio track, subtitle and program information.
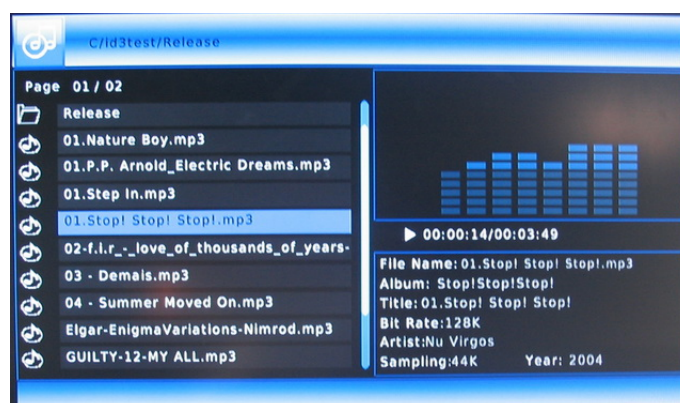
3. File formats and specifications：

specifications file format	Supported suffix	Internal code	Bit rate
MPEG1	.DAT\.MPG	\	\

MPEG2	.MPG\.VOB	\	Up to 9.8Mbps
MPEG4	.AVI	DIVX，XVID	Up to 9Mbps
H264	.MKV\.MOV	H.264	Up to 9Mbps

6.2 Music Menu

Enter the folder press **UP**and **DOWN** ,to select the file you want to view and press **OK** to play.

1. Introduce

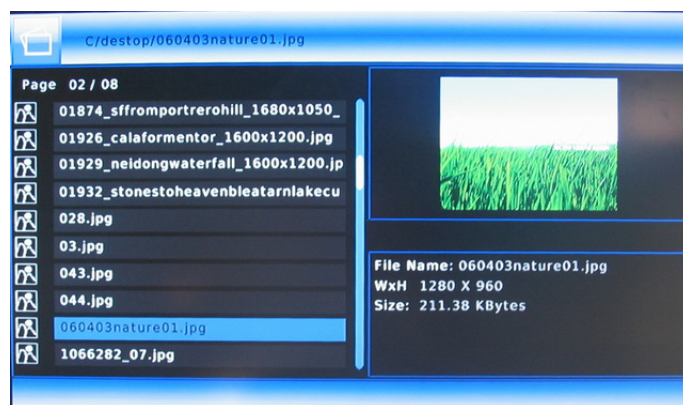|	►‖	Playback
Photo	■	Stop
Music	PG. up	Page up
Movies	PG. down	Page down
	►►	Fast Forward
	◄◄	Fast Rewind
	VOL+	VOI +1
	VOL -	VOL -1
	GOTO	Go to the time you choose and play
	Repeat	Press to set repeat option.
	B.G.M	To select files and go to BM Menu

2. Information

Display file name, type,Album,Title,Bit Rate,Artist,Samping,Year, total time, current time, audio track,   information.

3. File formats and specifications：

Specifications File format	Sampling	Bit Rate	Sound Channels
WMA	8K-48KHz	32K-320Kbps	Mono，Stereo
MP3	8K-48KHz	32K-320Kbps	Mono，Stereo
M4A(AAC)	16K-48KHz	32K-192Kbps	Mono，Stereo

6.3 Photo Menu

Enter the folder press **UP**and **DOWN** ,to select the file you want to view and press **OK** to play.

1. Introduce

	▶‖	Playback
Photo	■	Stop
Music	16：9/4：3	16：9/4：3
Movies	Information	To show some information on the photo
	Rotation	Rotation photo
	◀◀	FAST REWIND
	▶▶	FAST FORWARD
	PG. up	Page up
	PG. down	Page down
	Repeat	Press to set repeat option.
	B.G.M	To select files and go to BM Menu

2. Information

Display photo name, type,resolution,size information.

3. File formats and specifications

specifications file formats	resolution	format options	support area
JPEG	6000X6000	Progressive JPEG	resolution only support 1024X768
		baseline（"standard"）	support
		baseline optimized	support
BMP.	6000X6000	Single color	support
		16 colors	support
		256 colors	support
		16bit	support
		24bit	support
		32bit	support

7.Setup Menu

7.1 Changing DVB-T TV settings

Please refer to watching DVB-T programs on page 17.

7.2 Changing Movies settings

Press the **LEFT / RIGHT** button on the remote control to select the **Movies** tab from the menu bar，Press the **UP/DOWN** button to select the **Movie Configure** tab，Press the **OK** button to confirm

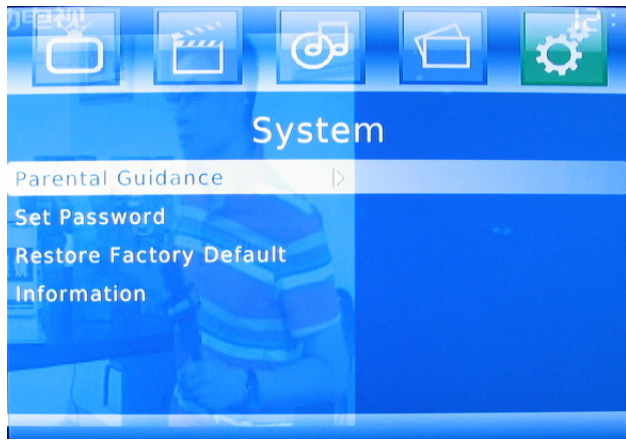|	
Movie Configure	Select to set the region for Movie Configure. In this menu, Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.

7.3 Changing Photo settings

Photo Configure	Select to set the region for Photo Configure In this menu,you can select Slide Time,Slide Mode,Aspect Ratio。 Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.

7.4 Changing Setup settings

Picture	Select to scan for Picture。 In this menu,you can select Aspect Ratio,Resolution ,TV Format,Video Output。 Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm.
Option	Select to set the region for Option。

In this menu,you can select OSD Language,Subtitle Language,Audio Language Digital Audio。 Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm. |
| **System** | Select to set the region for System。

In this menu,you can select Parental Guidance，Set Password,Restore Factory Default,Information。 Press the **UP / DOWN** button to select, and the **LEFT / RIGHT** button to confirm. |

8. Appendixes

8.1 Specifications

USB SUPPORTED:

USB HDD

Other USB Mass Storage Devices

USB 2.0 Interface

CONTENT FORMATS SUPPORTED:

DAT/VOB/MPG/AVI/TS/MP4/MKV   MP3/OGG/WMA

Compression rate: between 32 kbps and 320 kbps

JPEG/BMP

VIDEO CODECS SURPORTED:

MPEG-1/MPEG-2

MPEG-4 ASP: XviD

H.264

AUDIO CODECS SURPORTED:

MP2/MP3 /OGG Vorbis/WMA Standard (DRM, Pro & Advanced

Profile not supported)/PCM

SUBTITLE FORMATS SURPORTED:

SRT,SSA

RECORDABLE DEVICES SUPPORTED:

Built in HDD

USB HDD

VIDEO RECORDING FORMAT

HQ/SP/LP/EP/SLP mode: MPEG-2 MP@ML

AUDIO RECORDING FORMAT

HQ/SP/LP/EP/SLP mode: MP2 2-chanel

VIDEO OUTPUT SPECIFICATION

Composite Output   1 Vpp 75 Ohm

Components Output   Y:1 Vpp 75 Ohm

                     Cb:0.7 Vpp 75 Ohm

                     Cr:0.7 Vpp 75 Ohm

HDMI Output   HDMI

AUDIO PERFORMANCE

DA Converter   24-bit/192kHZ

AD Converter   24-bit/96kHZ

Signal-Noise   ≥ 95dB

Dynamic Range   ≥90dB(1kHZ)

Channel   ≥95dB Separation

DIGITAL TERRESTRIAL TV SYSTEM

Frequency Range	44.25MHz~863.25MHz (VHF I/III / UHF)
COFDM	2K FFT or 8K FFT COFDM demodulator
	(Fully DVB-T compliant : ETS 300-744) Code Rate
	1/2, 2/3,3/4, 5/6, and 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
Constellation QPSK	16QAM, 64 QAM
Bandwidth	6, 7 or 8MHz
Digital TV Tuner	75 Ohm (VHF / UHF) TV Digital Antenna

GENERAL

Power Supply	AC 100~240V50~60Hz
Power Consumption	Approx. 35 W
Operating	+5℃ to +35℃ (+36℉ to +95℉)
Hard Disk	3.5" SATA HDD
Dimensions (W/H/D)	200x170x60mm
Weight	Approx 1.5 kg

Note: The specifications and design of this product are subject to change without notice.

8.2 Frequently Asked Questions

Question 1. My computer does not recognize my player.

Answer:

(1) Make sure the player is powered on. If it is off, the computer will not be able to find the player;

(2) Make sure the player is connected to computer. (Refer to 1.4.1 for connecting player to computer);

(3) When using Windows 98SE, install the USB driver first. After installation, restart the computer. Then reconnect the player to the computer. (Refer to 1.4.1 for connecting player to computer);

(4) If you installed the Windows 98SE driver over your Windows® XP, 2000, or ME edition, problems might occur;

(5) It is not recommend using the USB ports in the front of your computer, try to use the USB

ports in the rear, because the USB ports in the front are often from non-powered

hubs.

Question 2. I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Answer:

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows® defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 3. My files have disappeared from the player.

Answer:

Make sure that you browse your files via the correct Browser mode which means correct filtered views such as Photos, Music, or Movies.

Question 4. Why is there no sound on movie or music playback when using Y/Pb/Pr component output?

Answer:

Y/Pb/Pr output is a video output only, and does not include sound signals, when using Y/Pb/Pr output, please plug the A/V OUT or the S/PDIF jack to output sound.

Question 5. Why couldn't the player find the hard disc?

Answer:

Make sure the firmware is installed correctly, and no system partitions on the HDD were deleted. If hard disc failure occurs, please backup your data and reinstall the firmware.

Question 6. Some functions like recording, time shift etc. do not work. What should I do?

Answer:

If you find some functions do not work properly on the player, please change system settings to the default (Refer to 6.6 for changing system settings).

8.3 Copyrights and Trademarks

Trademarks

Microsoft and Windows are registered trademarks of Microsoft Corporation. All other trademarks are property of their respective holder

8.4 Warranty

What your warranty does not cover:

-Acts of nature, such as fire, static discharge.

-Damage from unauthorized repair, alteration or accident.

-Damage from misuse or neglect.
-A unit that has been modified or incorporated into other products or is used for institutional or

other commercial purposes.

-Loss of customer's software, firmware, information, or memory data.

-Improper handling or installation.